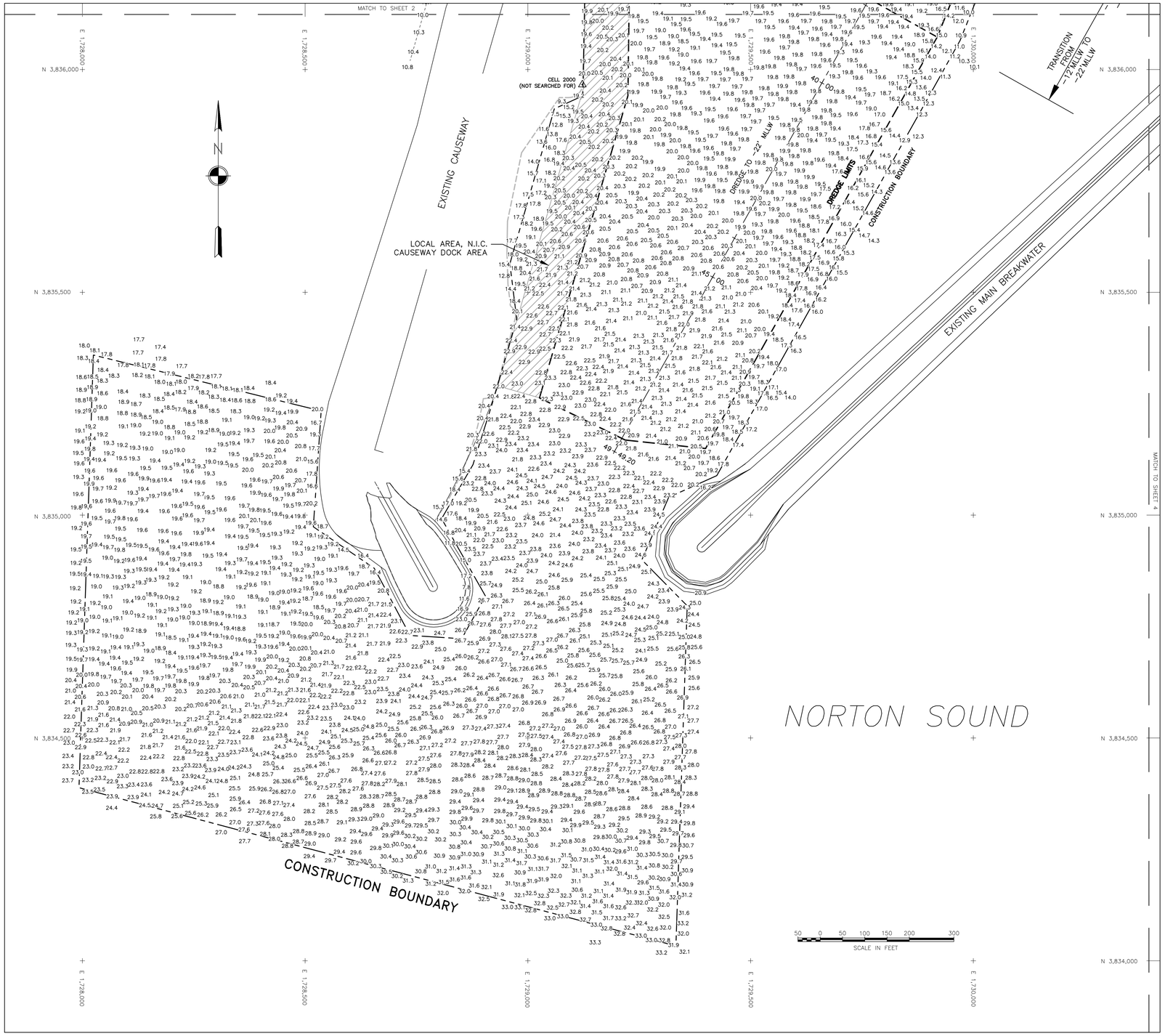

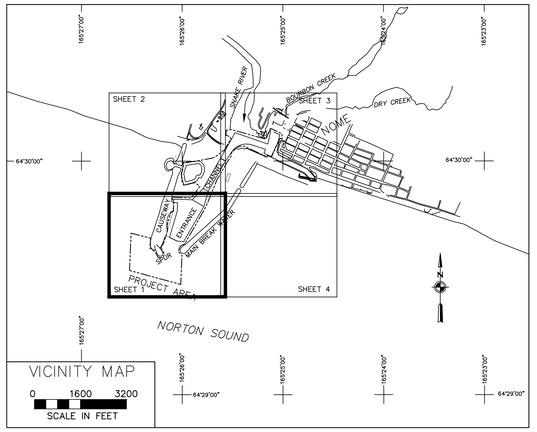

NOTES

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DINGO 2007	3,836,890.97	1,732,407.19	19.48	21.11	3 1/4" USACE BRASS CAP
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VOLUME COMPUTATIONS	
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VOLUME AVAILABLE TO PROJECT DEPTH (-10 FT)	6,488 cy
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VOLUME AVAILABLE TO PROJECT DEPTH (-12 FT)	9,095 cy
VOLUME AVAILABLE BETWEEN PROJECT DEPTH (-12 FT) AND MAX-PAY DEPTH (-13 FT)	5,014 cy
TRANSITION AREA (APPROX STATION 33+83 TO APPROX STATION 37+83)	
VOLUME AVAILABLE TO PROJECT DEPTH (VARIES)	13,217 cy
VOLUME AVAILABLE BETWEEN PROJECT DEPTH (VARIES) AND MAX-PAY DEPTH (VARIES)	3,695 cy
-22 PROJECT DEPTH AREA (APPROX STATION 37+83 TO STATION 49+49)	
VOLUME AVAILABLE TO PROJECT DEPTH (-22 FT)	41,745 cy
VOLUME AVAILABLE BETWEEN PROJECT DEPTH (-22 FT) AND MAX-PAY DEPTH (-23 FT)	20,892 cy
EAST SEDIMENT TRAP AREA (PROJECT DEPTH -22)	
VOLUME AVAILABLE TO PROJECT DEPTH (-22 FT) IN EAST SEDIMENT TRAP	56,717 cy
VOLUME AVAILABLE BETWEEN PROJECT DEPTH (-22 FT) AND MAX-PAY DEPTH (-23 FT) IN EAST SEDIMENT TRAP	5,981 cy
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TOTAL VOLUME AVAILABLE (NOT INCLUDING NORTH AND SOUTH TEST DREDGE AREAS)	182,733 cy
NORTH TEST DREDGE AREA VOLUME AVAILABLE TO PROJECT DEPTH (-10)	1,404 cy
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STATE OF ALASKA 49TH
CORY S. HUGHES
LS-13069
REGISTERED PROFESSIONAL LAND SURVEYOR

US ARMY CORPS OF ENGINEERS
ALASKA DISTRICT

CONTRACT NO. W911KB-10-C-0010
CONTRACTOR PORTABLE HYDRAULIC
CITY EAGLE CREEK STATE OREGON
Recommended: Approved: Date:
PRIME CONTRACTOR RESIDENT ENGINEER

Sym.	Action	Description	Date	Appvd

Surveyed: HUGHES AND ASSOCIATES
Drawn: REH
Reviewed: CSH
Submitted:
Date: XX/XX/XX
Dwg Scale: 1" = 100'
Plot Scale: 1 : 1
File: Nome 2012 Pre-Dredge Survey

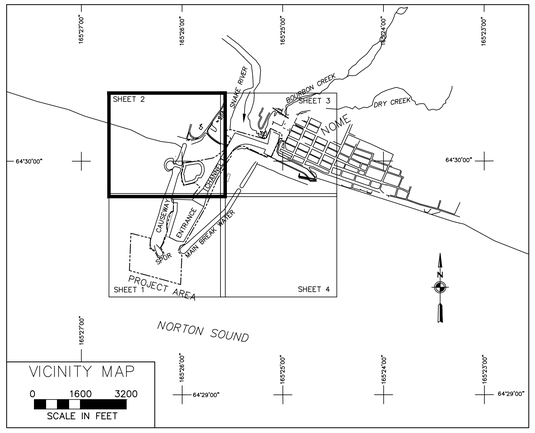
3004-12

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

NOME, AK
NOME HARBOR
PRE DREDGE SURVEY
JUNE 13–15, 2012

Reference number:
V-101
Sheet 1 of 4

CORPS OF ENGINEERS



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STATE OF ALASKA 49TH CORY S. HUGHES LS-13669 REGISTERED PROFESSIONAL LAND SURVEYOR

US ARMY CORPS OF ENGINEERS
ALASKA DISTRICT

CONTRACT NO. W911KB-10-C-0010
CONTRACTOR PORTABLE HYDRAULIC
CITY EAGLE CREEK STATE OREGON
Recommended: Approved: Date:
PRIME CONTRACTOR RESIDENT ENGINEER

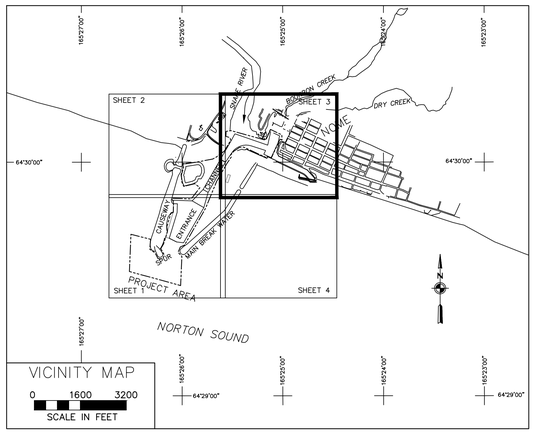
Sym.	Action	Description	Date	Appvd

Surveyed: HUGHES AND ASSOCIATES
Drawn: REH
Reviewed: CSH
Submitted:
Date: XX/XX/XX
Dwg Scale: 1" = 100'
Plot Scale: 1 : 1
File: None 2012 Pre-Dredge Survey
3004-12

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

NOME, AK
NOME HARBOR
PRE DREDGE SURVEY
JUNE 13-15, 2012

Reference number:
V-102
Sheet 2 of 4



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STATE OF ALASKA
49TH
CORY S. HUGHES
LS-13069
REGISTERED PROFESSIONAL LAND SURVEYOR

US ARMY CORPS OF ENGINEERS
ALASKA DISTRICT

CONTRACT NO. W911KB-10-C-0010
CONTRACTOR PORTABLE HYDRAULIC
CITY EAGLE CREEK STATE OREGON
Recommended: Approved: Date:
PRIME CONTRACTOR RESIDENT ENGINEER

Sym.	Action	Description	Date	Approv.

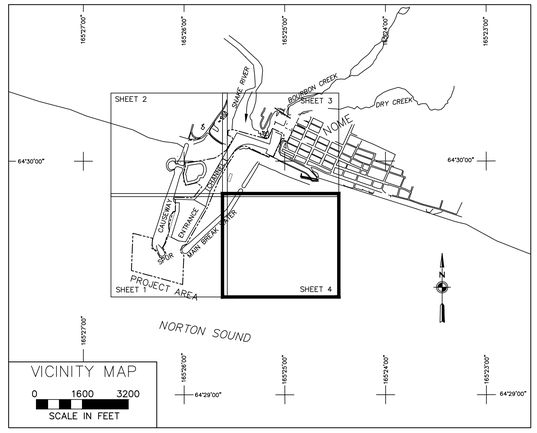
Surveyed: HUGHES AND ASSOCIATES
Drawn: REH
Reviewed: CSH
Submitted:
Date: XX/XX/XX
Dwg Scale: 1" = 100'
Plot Scale: 1 : 1
File: Nome 2012 Pre-Dredge Survey

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

3004-12

NOME, AK
NOME HARBOR
PRE DREDGE SURVEY
JUNE 13–15, 2012

Reference number:
V-103
Sheet 3 of 4



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RECORDED PROFESSIONAL LAND SURVEYOR

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Recommended: Approved: Date:
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Dwg Scale: 1" = 100'
Plot Scale: 1 : 1
File: Nome 2012 Pre-Dredge Survey

Surveyed: HUGHES AND ASSOCIATES
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CORPS OF ENGINEERS
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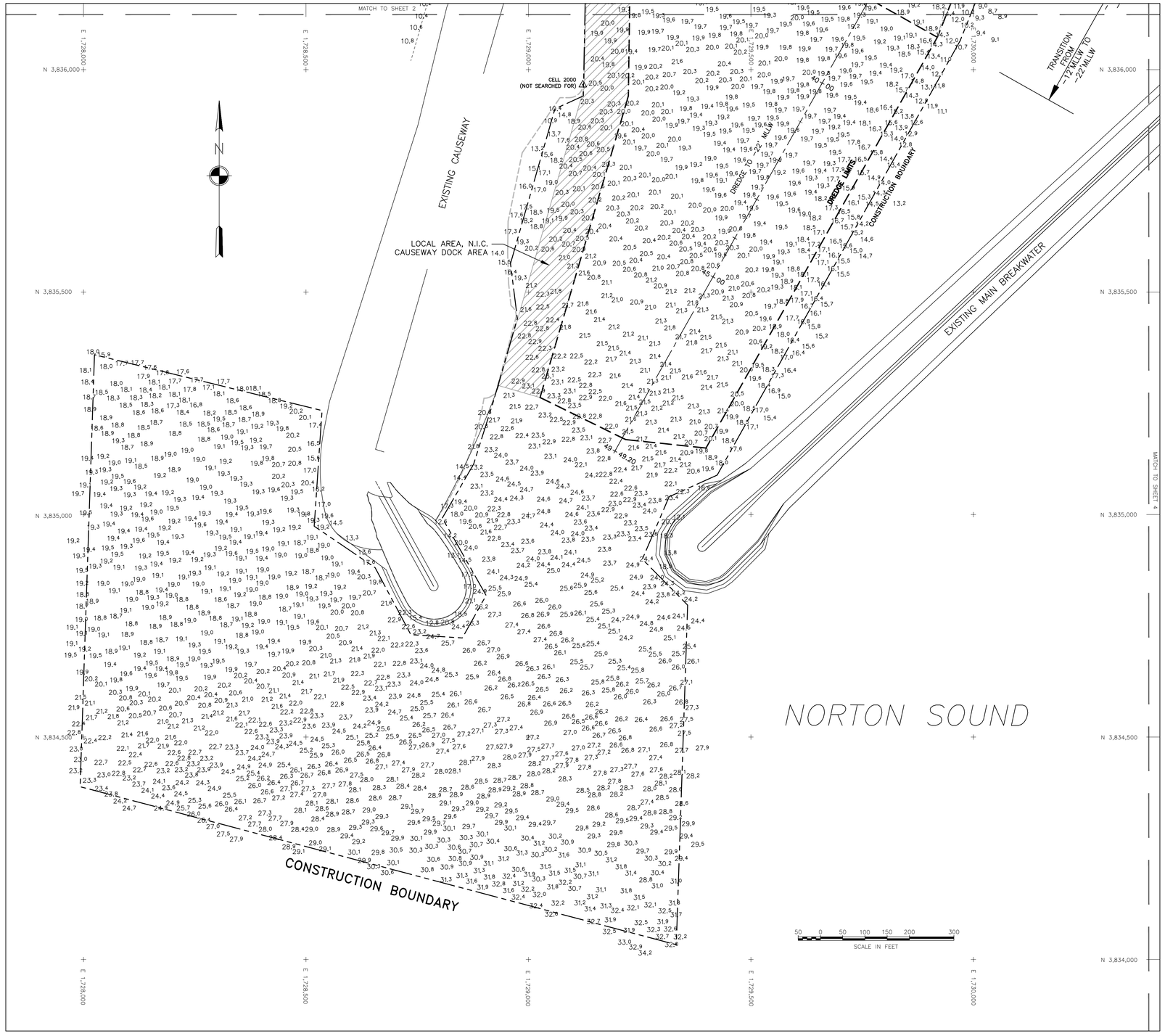
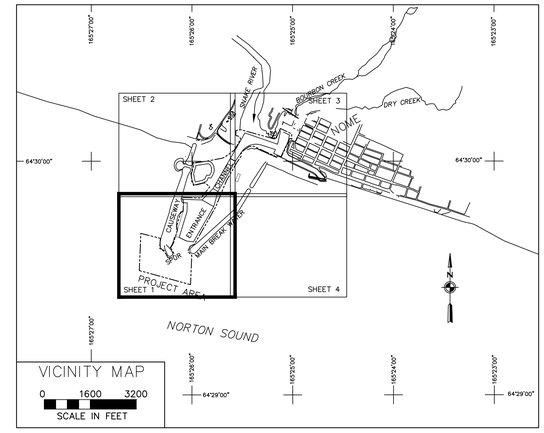
3004-12

NOME, AK
NOME HARBOR
PRE DREDGE SURVEY
JUNE 13-15, 2012

Reference number:
V-104
Sheet 4 of 4

CORPS OF ENGINEERS





NOTES

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VOLUME COMPUTATIONS	
-10 PROJECT DEPTH AREA (INNER HARBOR TO APPROX STATION 24+75)	
VOLUME REMOVED TO PROJECT DEPTH (-10 FT)	5,037 cy
VOLUME REMOVED BETWEEN PROJECT DEPTH (-10 FT) AND MAX-PAY DEPTH (-11 FT)	1,442 cy
TOTAL VOLUME REMOVED TO MAX-PAY DEPTH	6,479 cy
TOTAL OVERDREDGED VOLUME	2,159 cy
-12 PROJECT DEPTH AREA (APPROX STATION 24+75 TO APPROX STATION 33+83)	
VOLUME REMOVED TO PROJECT DEPTH (-12 FT)	8,278 cy
VOLUME REMOVED BETWEEN PROJECT DEPTH (-12 FT) AND MAX-PAY DEPTH (-13 FT)	2,808 cy
TOTAL VOLUME REMOVED TO MAX-PAY DEPTH	11,086 cy
TOTAL OVERDREDGED VOLUME	494 cy
EAST SEDIMENT TRAP (-22 PROJECT DEPTH)	
VOLUME REMOVED TO PROJECT DEPTH (-22)	35,300 cy
VOLUME REMOVED BETWEEN PROJECT DEPTH AND MAX-PAY DEPTH (-23)	0 cy
TOTAL VOLUME REMOVED TO MAX-PAY DEPTH	35,300 cy
TOTAL OVERDREDGED VOLUME	0 cy
TRANSITION AREA (APPROX STATION 33+83 TO APPROX STATION 37+83)	
VOLUME REMOVED TO PROJECT DEPTH (VARIES)	9840 cy
VOLUME REMOVED BETWEEN PROJECT DEPTH AND MAX-PAY DEPTH (VARIES))	114 cy
TOTAL VOLUME REMOVED TO MAX-PAY DEPTH	9954 cy
TOTAL OVERDREDGED VOLUME	26 cy
VOLUME REMOVED IN SLOUGH ALLOWANCE AREAS	5,642 cy
TOTAL VOLUME REMOVED WITHIN PROJECT AREA	68,461 cy

NOTE: NO DREDGING TOOK PLACE IN THE OUTER HARBOR (-22 PROJECT DEPTH AREA), NORTH TEST DREDGE AREA, OR SOUTH TEST DREDGE AREA. NO VOLUMES WERE REPORTED FOR THESE AREAS.

STATE OF ALASKA 49TH CORY S. HUGHES LS-13869 REGISTERED PROFESSIONAL LAND SURVEYOR

US ARMY CORPS OF ENGINEERS
ALASKA DISTRICT

CONTRACT NO. W911KB-10-C-0010
CONTRACTOR PORTABLE HYDRAULIC
CITY EAGLE CREEK STATE OREGON
Recommended: Approved: Date:
PRIME CONTRACTOR RESIDENT ENGINEER

Sym	Action	Description	Date	Approv

Date: 07/30/12
Dwg Scale: 1" = 100'
Plot Scale: 1 : 1
File: Nome 2012 Post-Dredge Survey

Surveyed: HUGHES AND ASSOCIATES
Drawn: REH
Reviewed: CSH
Submitted:

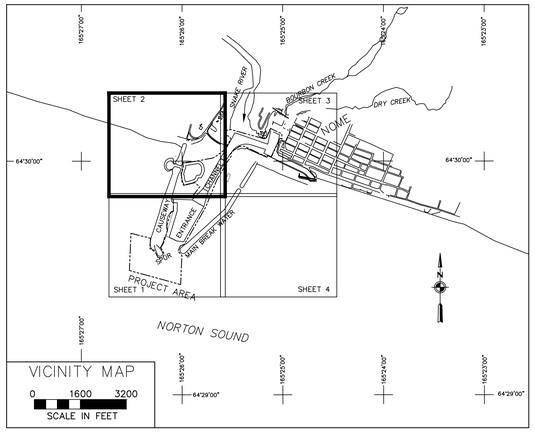
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

3014-12

NOME, AK
NOME HARBOR
POST DREDGE SURVEY
JULY 11-13, 2012

Reference number:
V-101
Sheet 1 of 4

CORPS OF ENGINEERS



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STATE OF ALASKA 49TH
CORY S. HUGHES
LS-13869
REGISTERED PROFESSIONAL LAND SURVEYOR

US ARMY CORPS OF ENGINEERS
ALASKA DISTRICT

CONTRACT NO. W911KB-10-C-0010
CONTRACTOR PORTABLE HYDRAULIC
CITY EAGLE CREEK STATE OREGON
Recommended: Approved: Date:
PRIME CONTRACTOR RESIDENT ENGINEER

Sym.	Action	Description	Date	Appvd

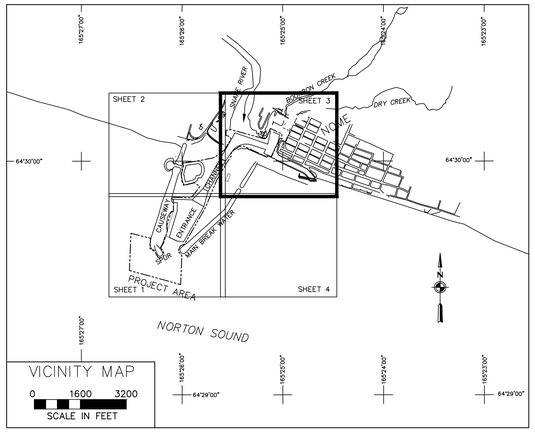
Surveyed: HUGHES AND ASSOCIATES
Drawn: REH
Reviewed: CSH
Submitted:
Date: 07/30/12
Dwg Scale: 1" = 100'
Plot Scale: 1 : 1
File: None 2012 Post-Dredge Survey
3014-12

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

NOME, AK
NOME HARBOR
POST DREDGE SURVEY
JULY 11-13, 2012

Reference number:
V-102
Sheet 2 of 4

CORPS OF ENGINEERS



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STATE OF ALASKA 49TH CORY S. HUGHES LS-13089 REGISTERED PROFESSIONAL LAND SURVEYOR

US ARMY CORPS OF ENGINEERS
ALASKA DISTRICT

CONTRACT NO. W911KB-10-C-0010
CONTRACTOR PORTABLE HYDRAULIC
CITY EAGLE CREEK STATE OREGON
Recommended: Approved: Date:
PRIME CONTRACTOR RESIDENT ENGINEER

Sym.	Action	Description	Date	Appvd

Date: 07/30/12
Dwg Scale: 1" = 100'
Plot Scale: 1 : 1
File: Nome 2012 Post-Dredge Survey

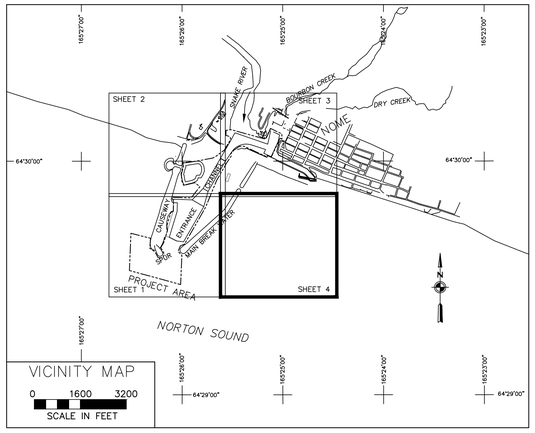
Surveyed: HUGHES AND ASSOCIATES
Drawn: REH
Reviewed: CSH
Submitted:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

3014-12

NOME, AK
NOME HARBOR
POST DREDGE SURVEY
JULY 11-13, 2012

Reference number:
V-103
Sheet 3 of 4



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ANCHORAGE, ALASKA

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NOME, AK
NOME HARBOR
POST DREDGE SURVEY
JULY 11-13, 2012

Reference number:
V-104
Sheet 4 of 4